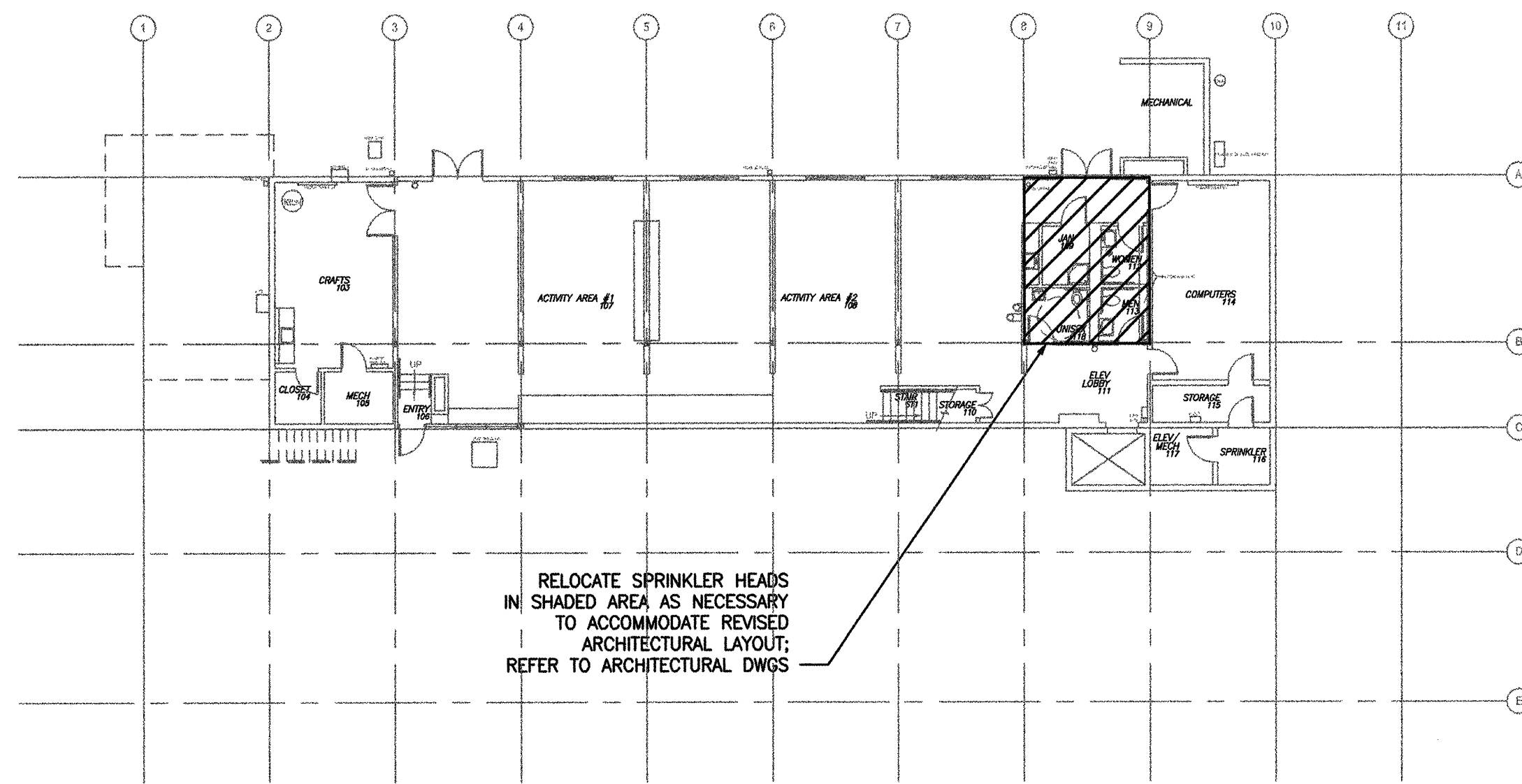


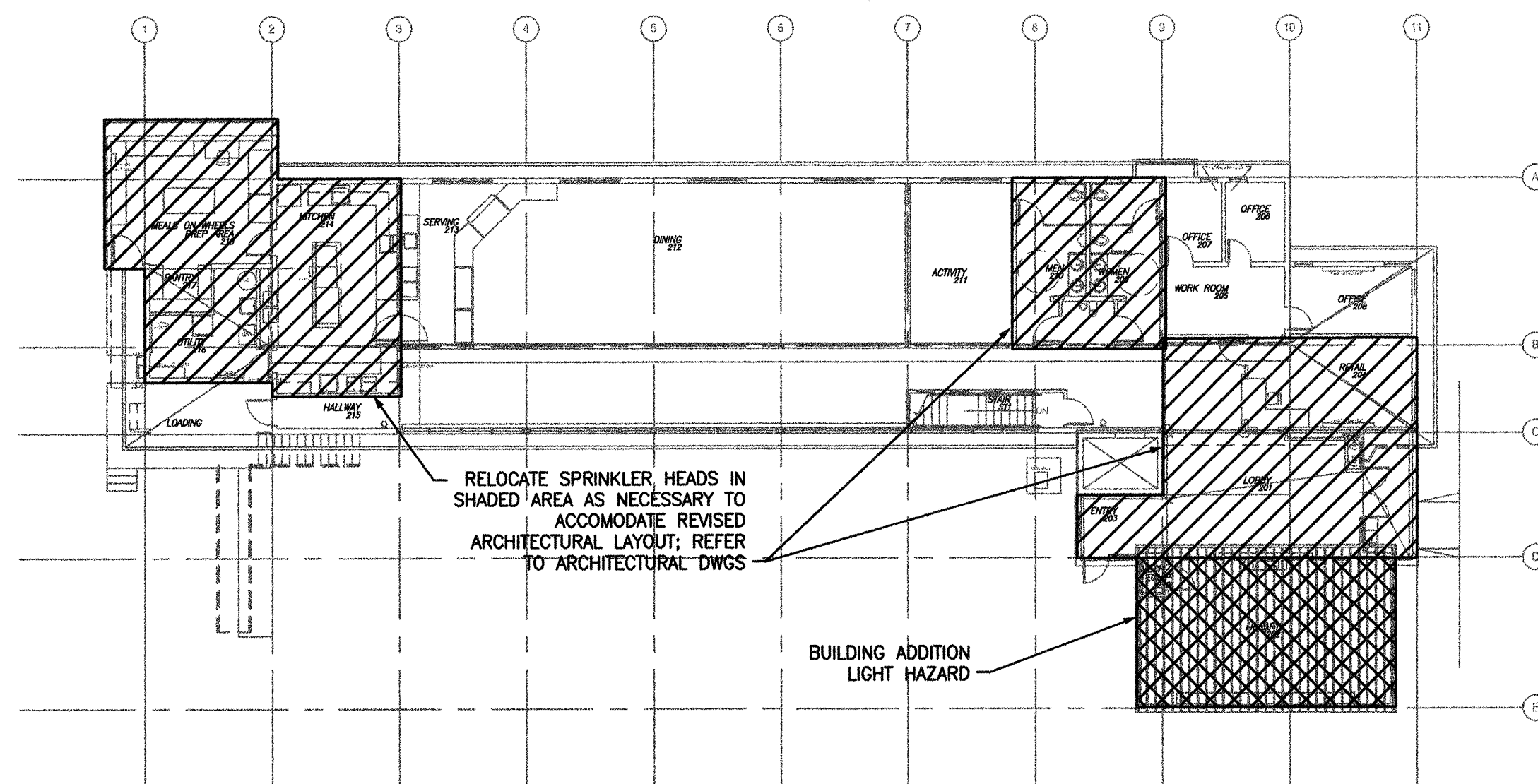
GENERAL NOTES

1. THESE DRAWINGS ARE DIAGRAMMATIC; THEY DO NOT SHOW EVERY OFFSET, BEND, TEE, OR ELBOW WHICH MAY BE REQUIRED TO INSTALL WORK IN THE SPACE PROVIDED AND AVOID CONFLICTS. THE CONTRACTOR SHALL FOLLOW THE DRAWINGS AS CLOSELY AS IS PRACTICAL TO DO SO AND INSTALL ADDITIONAL BENDS, OFFSETS, TEES, AND ELBOWS WHERE REQUIRED BY LOCAL CONDITIONS FROM MEASUREMENTS TAKEN AT THE SITE, SUBJECT TO APPROVAL, AND WITHOUT ADDITIONAL COST TO THE OWNER.
2. A MINIMUM OF THREE (3) SETS OF COMPLETE WORKING PLANS, HYDRAULIC CALCULATIONS, AND MANUFACTURERS DATA SHALL BE SUBMITTED TO THE FIRE AND BUILDING DEPARTMENTS FOR APPROVAL BEFORE CONSTRUCTION BEGINS. THE SUBMITTAL SHALL BE PREPARED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13.
3. INSTALLATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13 AND THE REQUIREMENTS OF THE CITY OF TIGARD.
4. ALL DEVICES SHALL BE UL LISTED OR FM APPROVED.
5. ALL SPRINKLER PIPING IN FINISHED AREAS SHALL BE CONCEALED FROM VIEW.
6. PROVIDE HYDROSTATIC TESTS IN ACCORDANCE WITH NFPA STANDARDS.
7. TESTING AND FLUSHING OF UNDERGROUND LINES SHALL BE COMPLETED AND INSPECTED PRIOR TO THE START OF ANY INSIDE WORK.
8. PROPER TYPES OF SPARE SPINKLER HEADS, STOPPERS AND WRENCHES SHALL BE PROVIDED AND STORED IN A CABINET ON THE PREMISES, IN AN OWNER APPROVED LOCATION, AS FOLLOWS:
 - A. SPRINKLER HEADS:

LESS THAN 300 HEADS	6 HEADS
300 TO 1000 HEADS	12 HEADS
MORE THAN 1000 HEADS	24 HEADS
 - B. THREE (3) SPRINKLER STOPPERS
 - C. ONE (1) SPRINKLER WRENCH
9. FIRE SAFETY DURING CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE IN ACCORDANCE WITH 2006 IFC, AS AMENDED.



FIRE PROTECTION SCOPING PLAN - LOWER LEVEL
SCALE: 1/16" = 1'-0"



FIRE PROTECTION SCOPING PLAN - UPPER LEVEL
SCALE: 1/16" = 1'-0"

SCOPING DOCUMENTS

THESE DRAWINGS INCLUDE ONLY SCOPING INFORMATION FOR THE FIRE PROTECTION SYSTEMS, AND ARE NOT INTENDED TO SHOW ALL INFORMATION NECESSARY FOR PRICING AND CONSTRUCTION. THE FIRE PROTECTION CONTRACTOR MUST RETAIN AN ENGINEER OF RECORD FOR THE FIRE PROTECTION SYSTEMS.

FIRE ALARM CONNECTION POINTS MUST BE COORDINATED PRE-BID BETWEEN THE FIRE PROTECTION CONTRACTOR AND THE FIRE ALARM CONTRACTOR.